

INDEX TO TECHNICAL AND TECHNICAL TOPICS  
SECTIONS

# CORROSION

## VOLUME 17

JANUARY 1—DECEMBER 31

1961

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# CORROSION

*Official Publication*  
NATIONAL ASSOCIATION  
OF  
CORROSION ENGINEERS



VOLUME 17  
JANUARY THROUGH DECEMBER  
1961



EDITORIAL AND BUSINESS OFFICES  
1061 M & M BLDG., HOUSTON 2, TEXAS



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# ERRATA—CORROSION, Volumes 16 and 17

Glass Linings and Vitreous Enamels—  
A Report of NACE Technical Unit  
Committee T-6H. Corrosion, Vol. 16,  
615t-621t (1960) Dec.

On Page 621t, Line 3 of "Acknowledg-  
ment" should be amended to read:

pany, the Glascote Company, and Vitre-  
ous Steel Products Company for their

Tentative Recommended Specifications  
and Practices for Prefabricated Plastic  
Films for Pipeline Coating—A Report  
of NACE Technical Unit Committee  
T-2K. Corrosion, Vol. 17, 451t-452t  
(1961) Sept.

On Page 451t, column 2, the corrected  
tabulation printed below should be sub-  
stituted for that appearing under heading  
"Type 1"

| Property   | Nominal<br>Range | Test<br>Method  |
|--|------------------|-----------------|
| Thickness, total,<br>mils  | 10-20            | ASTM D-1000-55T |
| Tensile strength,<br>lbs./in. width                              | 15-45            | ASTM D-1000-55T |
| Elongation at<br>break, %  | 60-400           | ASTM D-1000-55T |
| Adhesion,<br>ozs./in. width                                      | 20-60            | ASTM D-1000-55T |
| Water-vapor-<br>transmission<br>rate, gms/24<br>hrs./100 sq. in. | 0.05-2.0         | ASTM E96-53T    |
| Moisture<br>absorption, %  | 0.02-0.2         | ASTM D-570      |
| Dielectric strength<br>breakdown,<br>volts/mil                   | 750              | ASTM D-1000-55T |
| Insulation<br>resistance,<br>megohms                             | > 500,000        | ASTM D-257      |

On Page 451t, column 2, the corrected  
tabulation printed below should be sub-  
stituted for that appearing under heading  
"Type 2"

| Property  | Nominal<br>Range | Test<br>Method  |
|---|------------------|-----------------|
| Thickness, mils   | 1-2              | ASTM D-1000-55T |
| Specific gravity  | 1.68             | ASTM D-792-50   |
| Water-vapor-<br>transmission<br>rate, gms./24<br>hrs./100 sq. in. | 0.10             | ASTM E96-53T    |
| Water absorption  | Negligible       | ASTM D-570      |
| Tensile strength,<br>lbs./sq. in.                                 | 13,000-20,000    | ASTM D-882-54T  |
| Elongation at<br>break, %   | 45-80            | ASTM D-882-54T  |
| Bursting strength-<br>Mullen, lbs./sq.<br>in.                     | 60               | TAPPI           |

On Page 451t, column 3, the corrected  
tabulation printed below should be sub-  
stituted for that appearing under head-  
ing "Type 3"

| Property   | Nominal<br>Range | Test Method     |
|--|------------------|-----------------|
| Thickness,<br>Total mils   | 10-35            | ASTM D-1000-55T |
| Tensile strength,<br>lbs./in. wid.                               | 15-16            | ASTM D-1000-55T |
| Elongation<br>at break, %  | 150-400          | ASTM D-1000-55T |
| Water-vapor-<br>transmission<br>rate, gms/24<br>hrs./100 sq. in. | 0.05-1.2         | ASTM E96-53T    |
| Moisture<br>absorption, %  | 0.02-2.0         | ASTM D-570      |
| Dielectric strength<br>breakdown,<br>volts/mil                   | 1000             | ASTM D-1000-55T |
| Insulation<br>resistance,<br>megohms                             | >500,000         | ASTM D-257-52T  |

On Page 452t, column 1, the corrected  
tabulation printed below should be sub-  
stituted for that appearing under heading  
"Type 4"

| Property   | Nominal<br>Range | Test Method     |
|--|------------------|-----------------|
| Thickness,<br>total, mils  | 30-50            | ASTM D-1000-55T |
| Tensile<br>strength, psi   | 3500             | ASTM D-638-52T  |
| Elongation at<br>break, %  | 100              | ASTM D-638-52T  |
| Water-vapor-<br>transmission<br>rate, gms/24<br>hrs./100 sq. in. | 0.02             | ASTM E-96-53T   |
| Moisture<br>absorption, %  | 0.02             | ASTM D-570      |
| Dielectric strength,<br>breakdown,<br>volts/mil                  | 1000             | ASTM D-149-44   |
| Insulation<br>resistance,<br>megohms                             | >500,000         | ASTM D-257-52T  |

On Page 452t, substitute corrected  
Table 2 for one originally printed

TABLE 2—Physical Properties of Plastic Film Used Over Solvent  
Release Cement System

| Property   | Nominal Range  |           | 140 F     | Test Method                    |
|--|----------------|-----------|-----------|--------------------------------|
|  | 70 F           | 100 F     |           |                                |
| Tensile, psi   | 3600/3100      | 3200/2500 | 2300/2100 | ASTM D-882                     |
| 100% Modulus,<br>lgth/wid.....                                     | 2500/2400      | 2100/1900 | 1800/1700 | ASTM D-882                     |
| Elongation<br>at break, %  | 300/ 300       | 250/ 200  | 170/ 160  | ASTM D-882                     |
| Thickness, mils...   | 10-20          |           |           | ASTM D-1000-55T                |
| Graves tear, lgth/<br>wid. (grs/mil)...                            | 244/ 223       |           |           | ASTM D-882                     |
| Elmendorf tear<br>lgth/wid.<br>(gms/mil).....                      | 400/ 450       |           |           | Method 5132<br>Spec. CCC-T-191 |
| Water<br>absorption, %...  | 0.03-0.20      |           |           | ASTM-570-42                    |
| Water-vapor<br>transmission rate,<br>gms/sq. meter/<br>24 hrs..... | 0.9            |           |           | ASTM E-96-53T                  |
| Masland SPI<br>cold crack.....                                     | Passes<br>O °F |           |           | SPI                            |
| Tabor abrasion,<br>% loss.....                                     | 0.18-0.045     |           |           | ASTM D-1242                    |
| Dielectric stg.<br>breakdown,<br>volts/mil.....                    | 1270           |           |           | ASTM D-495                     |